

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 27 | ((“20040267836”) or (“6418478”) or (“7003641”) or (“7035880”) or (“7275177”) or (“20020107877”) or (“20040236958”) or (“5765173”) or (“5907672”) or (“6366988”) or (“6880051”) or (“6938135”) or (“7225208”)).PN. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/17 12:23 |
| S1 | 14 | ((“20040117572”) or (“6721767”) or (“5604862”) or (“6021475”) or (“6631477”) or (“20020174416”) or (“6311193”)).PN. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 11:48 |
| S2 | 450 | kusters.in. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 16:40 |
| S3 | 13 | S2 and snapshot | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 16:47 |
| S4 | 2632 | snapshot near2 (data or volume or lun) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 17:11 |
| S5 | 3259 | snapshot near3 (data or volume or lun) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 17:12 |
| S6 | 1609 | S5 and ((remote or second or secondary or backup) near2 (storage or server or system)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 17:13 |

| | | | | | | |
|-----|-----|---|--|-----|-----|------------------|
| S7 | 137 | \$5 and ((index or indexing or metadata) near2 snapshot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/20 12:31 |
| S8 | 73 | S7 and (@ad<"20021007") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/01/16 17:14 |
| S9 | 5 | ((delete or remove) near2 snapshot) with (full or space) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/10 14:48 |
| S10 | 5 | ((delete or remove or prune or expire) near2 snapshot) with (full or space) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/10 14:49 |
| S11 | 6 | ((delete or remove or prune or expire) near3 snapshot) with (full or space) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/10 14:49 |
| S12 | 25 | ((delete or remove or prune or expire) near3 (snapshot or backup)) with (full or space) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/10 14:50 |
| S13 | 37 | (automatic or automated) near2 snapshot | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/10 14:58 |
| S14 | 2 | ("5638509").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/10 15:48 |
| S15 | 2 | ("20010029517").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 12:37 |

| | | | | | | |
|-----|-------|---|---|-----|-----|---------------------|
| S16 | 10 | 09/774,302 | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 12:38 |
| S17 | 30735 | (time or age) near2 (delete or remove) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 14:39 |
| S18 | 3519 | snapshot near3 (data or volume or lun) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 14:39 |
| S19 | 31 | S17 and S18 | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/19 14:02 |
| S20 | 0 | overcommit with snapshot | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S21 | 0 | overcommit same snapshot | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S22 | 0 | overcommit and snapshot | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/05/11 14:43 |
| S23 | 82 | ("4310883" "5086502" "5163148" "5210866" "5239647" "5247660" "5263154" "5276860" "5276867" "5367698" "5386545" "5403639").PN. OR ("5604862").URPN. | US-PGPUB; USPAT; USCOR | ADJ | OFF | 2007/05/11 15:35 |

| | | | | | | |
|-----|-------|--|--|-----|-----|---------------------|
| S24 | 31885 | (time or age) near2 (delete or remove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/19 14:02 |
| S25 | 4046 | snapshot near3 (data or volume or lun) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/19 14:02 |
| S26 | 39 | S24 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/19 14:02 |
| S27 | 2 | snapshot near3 (restore or rebuild or recreate) with (quick or standby or rapid or easy) near3 (volume or data or lun) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/20 11:52 |
| S28 | 10584 | ((711/161,162) or (707/201-204) or (714/1,2,15-20)). OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/20 11:52 |
| S29 | 78 | S28 and ((index or indexing or metadata) near2 snapshot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2007/11/20 12:31 |
| S30 | 4950 | snapshot near3 (data or volume or lun) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 09:42 |
| S31 | 31 | S30 and ((index or indexing or metadata) near2 (item or element or table or object) with snapshot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 09:42 |
| S32 | 34145 | (time or age) near2 (delete or remove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 09:43 |

| | | | | | | |
|-----|-------|--|---|-----|-----|---------------------|
| S33 | 4950 | snapshot near3 (data or volume or lun) | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 09:43 |
| S34 | 52 | S32 and S33 | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 09:43 |
| S35 | 2 | ("6131148").PN. | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/23 10:33 |
| S36 | 34145 | (time or age) near2 (delete or remove) | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:17 |
| S37 | 4950 | snapshot near3 (data or volume or lun) | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:17 |
| S38 | 52 | S36 and S37 | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:17 |
| S39 | 22 | S38 and @ad<"20031007" | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:17 |
| S40 | 229 | commvault | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:37 |
| S41 | 95 | S40 and snapshot | US_PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:37 |

| | | | | | | |
|-----|------|---|---|-----|-----|---------------------|
| S42 | 5 | S41 and @ad< "20021007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 14:37 |
| S43 | 3942 | (snapshot or differential or snap or plex) near3 ((meta data) or meta\$1data or index) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 15:30 |
| S44 | 8451 | (application) near3 ((meta data) or meta\$1data or index) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 15:31 |
| S45 | 88 | S43 and S44 | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 15:31 |
| S46 | 48 | S45 and @ad< "20031007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 15:31 |
| S47 | 0 | (logical near3 physical) with (map\$4 or translation) with (store near2 (snapshot or snap)) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:11 |
| S48 | 26 | (logical near3 physical) with (map\$4 or translation) with ((snapshot or snap)) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:17 |
| S49 | 12 | S48 and @ad< "20031007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:17 |
| S50 | 4425 | (707/203,204).OCLS. | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/23 16:33 |

| | | | | | | |
|-----|-------|--|--|-----|-----|------------------|
| S51 | 860 | S50 and (snapshot or differential) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:34 |
| S52 | 816 | S51 and ((index or meta \$1data or metadata or map \$4 or translation) near3 snapshot or snap or differential or backup or version) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:35 |
| S53 | 440 | S52 and @ad<"20031007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:38 |
| S54 | 0 | S53 and ((snapshot near3 (assocat\$3 or referenc\$3 or records\$3 index\$3 or accord \$3)) with (application near3 (creat\$3 or associat\$3 or belong\$3))) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 16:42 |
| S55 | 1 | S46 and ((snapshot near3 (assocat\$3 or referenc\$3 or records\$3 index\$3 or accord \$3)) with (application near3 (creat\$3 or associat\$3 or belong\$3))) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 17:21 |
| S56 | 43 | ((snapshot near3 (associat \$3 or referenc\$3 or record \$3 index\$3 or accord\$3)) with (application near3 (creat \$3 or associat\$3 or belong \$3))) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 17:22 |
| S57 | 21 | S56 and @ad<"20031007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/23 17:22 |
| S58 | 10264 | (application or program or process) near3 (creat\$3 or own\$3 or belong\$3 or correspond\$3 or associat\$3 or link\$3) same (snapshot or snap or volume or vln or lun or plex) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 11:42 |

| | | | | | | |
|-----|-------|--|--|-----|-----|------------------|
| S69 | 10264 | (application or program or process) near3 (creat\$3 or own\$3 or belong\$3 or correspond\$3 or associat\$3 or link\$3) same (snapshot or snap or volume or vln or lun or plex) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 13:35 |
| S60 | 10264 | (application or program or process) near3 (creat\$3 or own\$3 or belong\$3 or correspond\$3 or associat\$3 or link\$3) same (snapshot or snap or volume or vln or lun or plex) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 13:38 |
| S61 | 4505 | S60 and ((index or meta \$1data or metadata or map \$4 or translation) near3 snapshot or snap or differential or backup or version) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 13:38 |
| S62 | 58 | ("6131148") or ("20010044807") or ("20020049718") or ("20020133511") or ("20020133512") or ("20030028736") or ("20030135783") or ("20030177149") or ("20050108292") or ("20050193026") or ("20070185940") or ("5263154") or ("5317731") or ("5369757") or ("5403639") or ("5790114") or ("5878408") or ("6072490") or ("6374363") or ("6434681") or ("6473775") or ("6604118") or ("6647473") or ("6665815") or ("6732125") or ("6799258") or ("7346623") or ("20050187992") or ("20030131287") or ("5720026").PN. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/24 14:14 |
| S63 | 3063 | (711/161,162).COLS. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/24 15:54 |

| | | | | | | |
|-----|-------|--|---|-----|-----|---------------------|
| S64 | 4425 | (707/203,204).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/24 15:55 |
| S65 | 6905 | S64 or S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 15:55 |
| S66 | 497 | S61 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 15:55 |
| S67 | 394 | S60 and ((index or meta \$1data or metadata or map \$4 or translation) near3 (snapshot or snap or differential or backup or version)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 15:56 |
| S68 | 134 | S67 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 15:56 |
| S69 | 52 | S68 and @ad<"20031007" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2008/10/24 15:56 |
| S70 | 2 | ("6434681").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/26 10:29 |
| S71 | 10911 | (application or program or process) near3 (creat\$3 or own\$3 or belong\$3 or correspond\$3 or associat\$3 or link\$3) same (snapshot or snap or volume or vln or lun or plex) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 11:43 |

| | | | | | | |
|-----|------|--|---|-----|-----|---------------------|
| S72 | 3378 | (711/161,162).COLS. | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/13 11:43 |
| S73 | 4804 | (707/203,204).COLS. | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/13 11:43 |
| S74 | 7548 | S73 or S72 | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 11:43 |
| S75 | 434 | S71 and ((index or meta \$1data or metadata or map \$4 or translation) near3 (snapshot or snap or differential or backup or version)) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 11:43 |
| S76 | 156 | S75 and S74 | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 11:43 |
| S77 | 54 | S76 and @ad<"20031007" | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 11:43 |
| S78 | 5342 | ((711/162) or (707/204)). COLS. | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/13 12:13 |
| S79 | 16 | S78 and ((snapshot or snap) and ((index or table or map) near3 file).clm. | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/04/13 12:28 |

4/ 17/ 2009 1:34:00 PM

C:\Documents and Settings\jrtutz\My Documents\EAST\Workspaces\10681386.wsp